



Program Planning Guide

Associate in Science, A10400

Program Length: 4 semesters

Program Sites: Chatham Main Campus, Harnett Main Campus, Lee Main Campus, Online

Suggested Course Schedule		Class	Lab	Credits	Notes:
1st Semester (fall)					
ENG 111	Writing & Inquiry	3	0	3	
ACA 122	Transfer & Career Success	0	2	1	
	Science & Lab			4	
	Mathematics			4	
	Humanities/Fine Arts/Communications			3	
	Total Semester Credits			15	
2nd Semester (spring)					
ENG 112	Writing/Research in the Discipline	3	0	3	
	Mathematics			4	
	Humanities/Fine Arts/Communications			3	
	Science & Lab			4	
	Total Semester Credits			14	
3rd Semester (fall)					
	Social/Behavior Science			3	
	Additional General Education			11	
	Total Semester Credits			14	
4th Semester (spring)					
	Social/Behavior Science			3	
	Other Required Hours/Electives			14	
	Total Semester Credits			17	
Total Credits Required for Graduation: 60					



		Class Hrs.	Lab Hrs.	Credits Hrs.
Humanities/Fine Arts/Communications (6 credits required)				
COM-120	Intro Interpersonal Com	3	0	3
COM-231	Public Speaking	3	0	3
ART-111	Art Appreciation	3	0	3
ART-114	Art History Survey I	3	0	3
ART-115	Art History Survey II	3	0	3
DRA-111	Theatre Appreciation	3	0	3
ENG-231	American Literature I	3	0	3
ENG-232	American Literature II	3	0	3
ENG-241	British Literature I	3	0	3
ENG-242	British Literature II	3	0	3
MUS-110	Music Appreciation	3	0	3
MUS-112	Introduction to Jazz	3	0	3
PHI-240	Introduction to Ethics	3	0	3
	2 subjects required			
Social/Behavioral Science (6 credits required)				
ECO-251	Prin of Microeconomics	3	0	3
ECO-252	Prin of Macroeconomics	3	0	3
POL-120	American Government	3	0	3
PSY-150	General Psychology	3	0	3
SOC-210	Introduction to Sociology	3	0	3
HIS-111	World Civilizations I	3	0	3
HIS-112	World Civilizations II	3	0	3
HIS-131	American History I	3	0	3
HIS-132	American History II	3	0	3
	2 subjects required			
Mathematics (8 credits required)				
MAT-171	Precalculus Algebra	3	2	4
MAT-172	Precalculus Trigonometry	3	2	4



MAT-263	Brief Calculus	3	2	4
MAT-271	Calculus I	3	2	4
MAT-272	Calculus II	3	2	4
Natural Science (8 credits required, take one group)				
<i>Group 1:</i>				
CHM-151	General Chemistry I	3	3	4
CHM-152	General Chemistry II	3	3	4
<i>Group 2:</i>				
PHY-151	College Physics I	3	2	4
PHY-152	College Physics II	3	2	4
<i>Group 3:</i>				
PHY-251	General Physics I	3	3	4
PHY-252	General Physics II	3	3	4
<i>Group 4:</i>				
BIO-111	General Biology I	3	3	4
BIO-112	General Biology II	3	3	4
<i>Group 5:</i>				
BIO-110	Principles of Biology	3	3	4
GEL-111	Geology	3	2	4
<i>Group 6:</i>				
BIO-110	Principles of Biology	3	3	4
PHY-110	Conceptual Physics	3	0	3
PHY-110A	Conceptual Physics Lab	0	2	1
<i>Group 7:</i>				
GEL-111	Geology	3	2	4
PHY-110	Conceptual Physics	3	0	3
PHY-110A	Conceptual Physics Lab	0	2	1
Additional General Education (11 credits required)				
ANT-210	General Anthropology	3	0	3
ANT-220	Cultural Anthropology	3	0	3



ART-111	Art Appreciation	3	0	3
ART-114	Art History Survey I	3	0	3
ART-115	Art History Survey II	3	0	3
BIO-110	Principles of Biology	3	3	4
BIO-111	General Biology I	3	3	4
BIO-112	General Biology II	3	3	4
BIO-140	Environmental Biology	3	0	3
BIO-140A	Environmental Biology Lab	0	3	1
CHM-131	Introduction to Chemistry	3	0	3
CHM-131A	Intro to Chemistry Lab	0	3	1
CHM-151	General Chemistry I	3	3	4
CHM-152	General Chemistry II	3	3	4
CIS-110	Introduction to Computers	2	2	3
CIS-115	Intro to Prog & Logic	2	3	3
COM-110	Introduction to Communication	3	0	3
COM-120	Intro Interpersonal Com	3	0	3
COM-231	Public Speaking	3	0	3
DRA-111	Theatre Appreciation	3	0	3
ECO-151	Survey of Economics	3	0	3
ECO-251	Prin of Microeconomics	3	0	3
ECO-252	Prin of Macroeconomics	3	0	3
ENG-114	Prof Research & Reporting	3	0	3
ENG-231	American Literature I	3	0	3
ENG-232	American Literature II	3	0	3
ENG-241	British Literature I	3	0	3
ENG-242	British Literature II	3	0	3
FRE-111	Elementary French I	3	0	3
FRE-112	Elementary French II	3	0	3
FRE-211	Intermediate French I	3	0	3
FRE-212	Intermediate French II	3	0	3



GEL-111	Geology	3	2	4
HIS-111	World Civilizations I	3	0	3
HIS-112	World Civilizations II	3	0	3
HIS-131	American History I	3	0	3
HIS-132	American History II	3	0	3
HUM-110	Technology and Society	3	0	3
HUM-115	Critical Thinking	3	0	3
HUM-120	Cultural Studies	3	0	3
HUM-122	Southern Culture	3	0	3
HUM-150	American Women's Studies	3	0	3
HUM-160	Introduction to Film	2	2	3
MAT-143	Quantitative Literacy	2	2	3
MAT-152	Statistical Methods I	3	2	4
MAT-171	Precalculus Algebra	3	2	4
MAT-172	Precalculus Trigonometry	3	2	4
MAT-263	Brief Calculus	3	2	4
MAT-271	Calculus I	3	2	4
MAT-272	Calculus II	3	2	4
MAT-273	Calculus III	3	2	4
MUS-110	Music Appreciation	3	0	3
MUS-112	Introduction to Jazz	3	0	3
MUS-210	History of Rock Music	3	0	3
PHI-240	Introduction to Ethics	3	0	3
PHY-110	Conceptual Physics	3	0	3
PHY-110A	Conceptual Physics Lab	0	2	1
PHY-151	College Physics I	3	2	4
PHY-152	College Physics II	3	2	4
PHY-251	General Physics I	3	3	4
PHY-252	General Physics II	3	3	4
POL-120	American Government	3	0	3



PSY-150	General Psychology	3	0	3
PSY-237	Social Psychology	3	0	3
PSY-241	Developmental Psych	3	0	3
PSY-281	Abnormal Psychology	3	0	3
REL-110	World Religions	3	0	3
REL-211	Intro to Old Testament	3	0	3
REL-212	Intro to New Testament	3	0	3
SOC-210	Introduction to Sociology	3	0	3
SOC-213	Sociology of the Family	3	0	3
SOC-220	Social Problems	3	0	3
SOC-225	Social Diversity	3	0	3
SOC-240	Social Psychology	3	0	3
SPA-111	Elementary Spanish I	3	0	3
SPA-112	Elementary Spanish II	3	0	3
SPA-211	Intermediate Spanish I	3	0	3
SPA-212	Intermediate Spanish II	3	0	3
Other Required Hours/Electives				
ACC-120	Prin of Financial Accounting	3	2	4
ACC-121	Prin of Managerial Accounting	3	2	4
ANT-210	General Anthropology	3	0	3
ANT-220	Cultural Anthropology	3	0	3
ART-111	Art Appreciation	3	0	3
ART-114	Art History Survey I	3	0	3
ART-115	Art History Survey II	3	0	3
ART-131	Drawing I	0	6	3
ART-132	Drawing II	0	6	3
BIO-110	Principles of Biology	3	3	4
BIO-111	General Biology I	3	3	4
BIO-112	General Biology II	3	3	4
BIO-140	Environmental Biology	3	0	3



BIO-140A	Environmental Biology Lab	0	3	1
BIO-155	Nutrition	3	0	3
BIO-163	Basic Anat & Physiology	4	2	5
BIO-168	Anatomy and Physiology I	3	3	4
BIO-169	Anatomy and Physiology II	3	3	4
BIO-175	General Microbiology	2	2	3
BIO-275	Microbiology	3	3	4
BUS-110	Introduction to Business	3	0	3
BUS-115	Business Law I	3	0	3
BUS-137	Principles of Management	3	0	3
CHM-130	Gen, Org, & Biochemistry	3	0	3
CHM-130A	Gen, Org, & Biochem Lab	0	2	1
CHM-131	Introduction to Chemistry	3	0	3
CHM-131A	Intro to Chemistry Lab	0	3	1
CHM-151	General Chemistry I	3	3	4
CHM-152	General Chemistry II	3	3	4
CIS-110	Introduction to Computers	2	2	3
CIS-115	Intro to Prog & Logic	2	3	3
CJC-111	Intro to Criminal Justice	3	0	3
CJC-113	Juvenile Justice	3	0	3
CJC-121	Law Enforcement Operations	3	0	3
CJC-212	Ethics & Comm Relations	3	0	3
COM-110	Introduction to Communication	3	0	3
COM-120	Intro Interpersonal Com	3	0	3
COM-231	Public Speaking	3	0	3
CSC-134	C++ Programming	2	3	3
CSC-151	JAVA Programming	2	3	3
CTS-115	Info Sys Business Concepts	3	0	3
DFT-170	Engineering Graphics	2	2	3
DRA-111	Theatre Appreciation	3	0	3



ECO-151	Survey of Economics	3	0	3
ECO-251	Prin of Microeconomics	3	0	3
ECO-252	Prin of Macroeconomics	3	0	3
EDU-144	Child Development I	3	0	3
EDU-131	Child, Family, and Community	3	0	3
EDU-145	Child Development II	3	0	3
EDU-216	Foundations of Education	3	0	3
EDU-221	Children With Exceptionalities	3	0	3
EGR-150	Intro to Engineering	1	2	2
EGR-220	Engineering Statics	3	0	3
ENG-114	Prof Research & Reporting	3	0	3
ENG-125	Creative Writing I	3	0	3
ENG-126	Creative Writing II	3	0	3
ENG-231	American Literature I	3	0	3
ENG-232	American Literature II	3	0	3
ENG-241	British Literature I	3	0	3
ENG-242	British Literature II	3	0	3
FRE-111	Elementary French I	3	0	3
FRE-112	Elementary French II	3	0	3
FRE-211	Intermediate French I	3	0	3
FRE-212	Intermediate French II	3	0	3
GEL-111	Geology	3	2	4
HEA-110	Personal Health/Wellness	3	0	3
HEA-112	First Aid & CPR	1	2	2
HIS-111	World Civilizations I	3	0	3
HIS-112	World Civilizations II	3	0	3
HIS-131	American History I	3	0	3
HIS-132	American History II	3	0	3
HIS-222	African-American Hist I	3	0	3
HIS-223	African-American Hist II	3	0	3



HIS-226	The Civil War	3	0	3
HIS-236	North Carolina History	3	0	3
HUM-110	Technology and Society	3	0	3
HUM-115	Critical Thinking	3	0	3
HUM-120	Cultural Studies	3	0	3
HUM-122	Southern Culture	3	0	3
HUM-150	American Women's Studies	3	0	3
HUM-160	Introduction to Film	2	2	3
MAT-143	Quantitative Literacy	2	2	3
MAT-152	Statistical Methods I	3	2	4
MAT-171	Precalculus Algebra	3	2	4
MAT-172	Precalculus Trigonometry	3	2	4
MAT-263	Brief Calculus	3	2	4
MAT-271	Calculus I	3	2	4
MAT-272	Calculus II	3	2	4
MAT-273	Calculus III	3	2	4
MAT-280	Linear Algebra	2	2	3
MAT-285	Differential Equations	2	2	3
MUS-110	Music Appreciation	3	0	3
MUS-112	Introduction to Jazz	3	0	3
MUS-210	History of Rock Music	3	0	3
PED-110	Fit and Well for Life	1	2	2
PED-113	Aerobics I	0	3	1
PED-117	Weight Training I	0	3	1
PED-118	Weight Training II	0	3	1
PED-122	Yoga I	0	2	1
PED-128	Golf-Beginning	0	2	1
PED-130	Tennis-Beginning	0	2	1
PED-145	Basketball-Beginning	0	2	1
PED-157	Pickleball	0	2	1



PED-171	Nature Hiking	0	2	1
PED-172	Outdoor Living	1	2	2
PED-219	Disc Golf	0	2	1
PHI-240	Introduction to Ethics	3	0	3
PHY-110	Conceptual Physics	3	0	3
PHY-110A	Conceptual Physics Lab	0	2	1
PHY-151	College Physics I	3	2	4
PHY-152	College Physics II	3	2	4
PHY-251	General Physics I	3	3	4
PHY-252	General Physics II	3	3	4
POL-120	American Government	3	0	3
PSY-150	General Psychology	3	0	3
PSY-237	Social Psychology	3	0	3
PSY-241	Developmental Psych	3	0	3
PSY-246	Adolescent Psychology	3	0	3
PSY-281	Abnormal Psychology	3	0	3
REL-110	World Religions	3	0	3
REL-211	Intro to Old Testament	3	0	3
REL-212	Intro to New Testament	3	0	3
SOC-210	Introduction to Sociology	3	0	3
SOC-213	Sociology of the Family	3	0	3
SOC-220	Social Problems	3	0	3
SOC-225	Social Diversity	3	0	3
SOC-232	Social Context of Aging	3	0	3
SOC-240	Social Psychology	3	0	3
SPA-111	Elementary Spanish I	3	0	3
SPA-112	Elementary Spanish II	3	0	3
SPA-211	Intermediate Spanish I	3	0	3
SPA-212	Intermediate Spanish II	3	0	3
MSI-110	Military Science I	1	0	1



MSI-120	Military Science II	2	0	2
MSI-210	Military Science III	2	0	2
MSI-220	Military Science IV	2	0	2